

A NEW SPECIES OF THE GENUS *BOYSIDIA* (ANCEY, 1881) FROM CHINA (PULMONATA, STYLOMMATOPHORA, PUPILLIDAE)

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Abstract In the present paper a new species of land snail is described. The materials were collected by the authors in Xinyi County, Guizhou Province, China, Oct. 2005. Type specimens are deposited in the Institute of Zoology, Chinese Academy of Sciences, China.

***Boysidia* (*Boysidia*) *gongyaoshanensis* sp. nov.** (Figs 1–3)

Holotype. Height 2.30 mm, diameter 2.00 mm, aperture height 0.80 mm, diameter of shell 0.85 mm, collected from Gongyao Hill, Xingyi County (25°N, 104°08'E), Guizhou Province, China, 3 Oct. 2005.

Paratypes 38 specimens. Height 2.10–2.40 mm, diameter 1.97–2.10 mm, aperture height 0.78–0.84 mm, diameter of shell 0.82–0.87 mm, collected from Gongyao Hill, Wanfang, Xingyi County (25°N, 104°08'E), Guizhou Province, China, 3 Oct. 2005.

Etymology. The name of the new species refers type locality adjective.

Shell small, thick, lustrous, conic. Whorls $4\frac{1}{2}$, moderately convex, spire depressed-conical, embryonic whorls (1–2) smooth, the body whorl very inflated. Shell yellowish in colour, regularly and weakly striatulate, silk. Apex blunt, suture deep. Aperture rounded-oval, peristome reflected, well expanded, continuous, with 6 lamellae and folds: 1 large stout, nipple-formed angular lamellae, 1 big flake-formed parietal lamellae, 1 bigger nipple-formed columellar lamellae, 1 small nipple-formed basal fold, 1 small nipple-formed upper palatal fold, and 1 small suprapalatal fold. Umbilicus big, with hole-formed.

Remarks. The new species resembles *Boysidia* (*Boysidia*) *huangguoshuensis* Luo et Chen, 2000, but in the latter the shell is bigger (height 3.17 mm, diameter 2.20 mm; aperture of height 1.22 mm, aperture of diameter 1.06 mm), with whorls $5\frac{1}{2}$, 4 folds, angular and parietal lamellae united into 1 big lobed lamella

Habitat. The animals live on limestone walls, love habitat as on surface of limestone, locality of moist, bryophyte and lichen or lives on chink of orck, under fallen leaves and rotten branch.

Key words Pulmonata, Styommatophora, Pupillidae, *Boysidia*, new species.

中国喇叭螺属一新种记述 (肺螺亚纲, 柄眼目, 虹蛹螺科)

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摘要 记述采自贵州省陆生贝类1新种, 巩尧山喇叭螺 *Boysidia* (*Boysidia*) *gongyaoshanensis* sp. nov., 文中对新种形态特征、栖息环境进行了描述, 并对其相似种进行了分析和讨论。

关键词 肺螺亚纲, 柄眼目, 虹蛹螺科, 喇叭螺属, 新种。

中图分类号 Q959.212

巩尧山喇叭螺, 新种 *Boysidia* (*Boysidia*) *gongyaoshanensis* sp. nov. (图1~3)

正模标本: 壳高2.30 mm, 壳宽2.00 mm, 壳口高0.80 mm, 壳口宽0.85 mm。采自贵州省兴义县巩尧山, 2005年10月3日。

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图 1~3 巩尧山喇叭螺, 新种 *Boysidia* (*Boysidia*) *gongyaoshanensis* sp. nov.

1. 侧面观 (lateral view) 2. 右侧面观 (right lateral view) 3. 腹面观 (ventral view)

副模标本: 38 个, 壳高 2.10 ~ 2.40 mm, 壳宽 1.97 ~ 2.10 mm, 壳口高 0.78 ~ 0.84 mm, 壳口宽 0.82 ~ 0.87 mm。采自贵州省兴义市巩尧山、万峰, 2005 年 10 月 3 日。

正、副模标本均保存于中国科学院动物研究所。

形态特征 贝壳小型, 呈矮圆锥形, 有光泽, 半透明, 壳质稍厚, 有 $5\frac{1}{2}$ 个螺层, 各螺层均膨胀, 凸出。胚螺层 (1~2) 光滑, 壳顶钝, 缝合线深。壳面呈浅黄褐色, 并有细致而稠密的生长线和螺纹。壳口呈椭圆形, 口缘外折, 扩大, 在壳口内 5 枚板和褶: 1 枚较大的片状弯曲的角板, 1 枚较大的长条片状的柱板, 1 枚较小片状基褶, 1 枚较小的片状下腭褶和 1 枚较小的长条片状上腭褶, 角板与上腭褶几乎相接。脐孔稍大而深, 呈孔穴状。

栖息环境 一般生活在石灰岩地区, 喜欢栖息于石灰岩岩石表面, 潮湿、多苔藓、地衣的地方; 岩石缝隙中, 树叶和枯枝下。

词源: 新种种名源自新种的采集地。

讨论 新种与黄果树喇叭螺 *Boysidia* (*Boysidia*) *huangguoshuensis* Luo *et* Chen, 2000 在形态上相似, 后者贝壳较大 (壳高 3.17 mm, 壳宽 2.20 mm, 壳口高 1.22 mm, 壳口宽 1.06 mm), 壳口内有 4 枚板和褶, 上壁板与角板融合成 1 较大的片状腭褶, 与前者有所区别。

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